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PTO/SB/05 (4/98)  
 Approved for use through 09/30/2000. OMB 0651-0032  
 Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE  
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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No. \_\_\_\_\_  
 First Inventor or Application Identifier **Zhe Li**  
 Title **Method for Conditional Tautology Checking**  
 Express Mail Label No. **EJ418535055US**

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

## ADDRESS TO:

Assistant Commissioner for Patents  
 Box Patent Application  
 Washington, DC 20231

1. ☒ \* Fee Transmittal Form (e.g., PTO/SB/17)  
 (Submit an original and a duplicate for fee processing)
2. ☒ Specification [Total Pages **22**]  
 (preferred arrangement set forth below)
- Descriptive title of the invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to Microfiche Appendix
  - Background of the invention
  - Brief Summary of the invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
3. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets **3**]
4. Oath or Declaration [Total Pages **2**]
- a. ☒ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 C.F.R. § 1.63(d))  
 (for continuation/divisional with Box 16 completed)
- i. ☐ DELETION OF INVENTOR(S)  
 Signed statement attached deleting  
 inventor(s) named in the prior application,  
 see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

5. ☐ Microfiche Computer Program (Appendix)
6. Nucleotide and/or Amino Acid Sequence Submission  
 (if applicable, all necessary)
- a. ☐ Computer Readable Copy
- b. ☐ Paper Copy (identical to computer copy)
- c. ☐ Statement verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

7. ☐ Assignment Papers (cover sheet & document(s))
8. ☐ 37 C.F.R. § 3.73(b) Statement of Power of Attorney  
 (when there is an assignee)
9. ☐ English Translation Document (if applicable)
10. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
11. ☐ Preliminary Amendment
12. ☒ Return Receipt Postcard (MPEP 503)  
 (Should be specifically itemized)
13. ☒ \* Small Entity Statement(s) ☐ Statement filed in prior application,  
 (PTO/SB/09-12) Status still proper and desired
14. ☐ Certified Copy of Priority Document(s)  
 (if foreign priority is claimed)
15. ☐ Other: \_\_\_\_\_

\* NOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY  
 FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.37), EXCEPT  
 IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

## 16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: \_\_\_\_\_

Prior application information: Examiner \_\_\_\_\_

Group / Art Unit: \_\_\_\_\_

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied  
 under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by  
 reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 17. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label \_\_\_\_\_ or ☒ Correspondence address below  
 (Insert Customer No. or Attach bar code label here)

Name	Zhe Li				
Address	1 Argent Drive				
City	Poughkeepsie	State	New York	Zip Code	12603
Country	USA	Telephone	914-298-8342	Fax	914-298-1889

Name (Print/Type)	Zhe Li	Registration No. (Attorney/Agent)	
Signature	<i>Zhe Li</i>	Date	03/21/2000

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 Box Patent Application, Washington, DC 20231.

03/21/00  
 1c600 U.S. PTO

00534633-032400

PTO  
 JC564 U.S. PTO  
 09/531633  
 03/21/00

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**STATEMENT CLAIMING SMALL ENTITY STATUS  
(37 CFR 1.9(f) & 1.27(b))--INDEPENDENT INVENTOR**

Docket Number (Optional)

Applicant, Patentee, or Identifier: Zhe Li

Application or Patent No.: \_\_\_\_\_

Filed or Issued: \_\_\_\_\_

Title: Method for Conditional Tautology Checking

As a below named inventor, I hereby state that I qualify as an independent inventor as defined in 37 CFR 1.9(c) for purposes of paying reduced fees to the Patent and Trademark Office described in:

- ☒ the specification filed herewith with title as listed above.  
☐ the application identified above.  
☐ the patent identified above.

I have not assigned, granted, conveyed, or licensed, and am under no obligation under contract or law to assign, grant, convey, or license, any rights in the invention to any person who would not qualify as an independent inventor under 37 CFR 1.9(c) if that person had made the invention, or to any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e).

Each person, concern, or organization to which I have assigned, granted, conveyed, or licensed or am under an obligation under contract or law to assign, grant, convey, or license any rights in the invention is listed below:

- ☒ No such person, concern, or organization exists.  
☐ Each such person, concern, or organization is listed below.

Separate statements are required from each named person, concern, or organization having rights to the invention stating their status as small entities. (37 CFR 1.27)

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

Zhe Li

NAME OF INVENTOR

NAME OF INVENTOR

NAME OF INVENTOR

Zhe Li

Signature of inventor

Signature of inventor

Signature of inventor

03/21/2000

Date

Date

Date

# FEE TRANSMITTAL for FY 2000

*Patent fees are subject to annual revision.  
Small Entity payments must be supported by a small entity statement,  
otherwise large entity fees must be paid. See Forms PTO/SB/09-12.  
See 37 C.F.R. §§ 1.27 and 1.28.*

**TOTAL AMOUNT OF PAYMENT (\$)** 345

## Complete if Known

Application Number	
Filing Date	
First Named Inventor	Zhe Li
Examiner Name	
Group / Art Unit	
Attorney Docket No.	

METHOD OF PAYMENT (check one)	FEE CALCULATION (continued)																																																																																																												
<p>1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:</p> <p>Deposit Account Number <input style="width: 150px;" type="text"/></p> <p>Deposit Account Name <input style="width: 150px;" type="text"/></p> <p><input type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17</p> <p>2. <input checked="" type="checkbox"/> Payment Enclosed:  <input checked="" type="checkbox"/> Check    <input type="checkbox"/> Money Order    <input type="checkbox"/> Other</p>	<p><b>3. ADDITIONAL FEES</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205 65</td><td></td></tr> <tr><td>127</td><td>50</td><td>227 25</td><td></td></tr> <tr><td>139</td><td>130</td><td>139 130</td><td></td></tr> <tr><td>147</td><td>2,620</td><td>147 2,620</td><td></td></tr> <tr><td>112</td><td>820*</td><td>112 820*</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>113 1,840*</td><td></td></tr> <tr><td>116</td><td>110</td><td>215 55</td><td></td></tr> <tr><td>118</td><td>380</td><td>218 190</td><td></td></tr> <tr><td>117</td><td>870</td><td>217 435</td><td></td></tr> <tr><td>118</td><td>1,360</td><td>218 680</td><td></td></tr> <tr><td>128</td><td>1,850</td><td>228 925</td><td></td></tr> <tr><td>119</td><td>300</td><td>219 150</td><td></td></tr> <tr><td>120</td><td>300</td><td>220 150</td><td></td></tr> <tr><td>121</td><td>280</td><td>221 130</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138 1,510</td><td></td></tr> <tr><td>140</td><td>110</td><td>240 55</td><td></td></tr> <tr><td>141</td><td>1,210</td><td>241 605</td><td></td></tr> <tr><td>142</td><td>1,210</td><td>242 605</td><td></td></tr> <tr><td>143</td><td>430</td><td>243 215</td><td></td></tr> <tr><td>144</td><td>580</td><td>244 290</td><td></td></tr> <tr><td>122</td><td>130</td><td>122 130</td><td></td></tr> <tr><td>123</td><td>50</td><td>123 50</td><td></td></tr> <tr><td>126</td><td>240</td><td>126 240</td><td></td></tr> <tr><td>581</td><td>40</td><td>581 40</td><td></td></tr> <tr><td>148</td><td>680</td><td>248 345</td><td></td></tr> <tr><td>149</td><td>680</td><td>249 345</td><td></td></tr> </tbody> </table> <p>Other fee (specify) _____</p> <p>Other fee (specify) _____</p> <p>* Reduced by Basic Filing Fee Paid</p>	Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid	105	130	205 65		127	50	227 25		139	130	139 130		147	2,620	147 2,620		112	820*	112 820*		113	1,840*	113 1,840*		116	110	215 55		118	380	218 190		117	870	217 435		118	1,360	218 680		128	1,850	228 925		119	300	219 150		120	300	220 150		121	280	221 130		138	1,510	138 1,510		140	110	240 55		141	1,210	241 605		142	1,210	242 605		143	430	243 215		144	580	244 290		122	130	122 130		123	50	123 50		126	240	126 240		581	40	581 40		148	680	248 345		149	680	249 345	
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SUBMITTED BY		Complete if applicable	
Name (Print/Type)	Zhe Li	Registration No. (Attorney/Agent)	
Signature		Telephone	914-298-8342
		Date	03 / 21 / 2000

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